EDUARDO GUTIERREZ MAESTRO

Ph.D. Candidate in Computer Science

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in eduardo-gutierrez_maestro

Personal summary

I am a young professional with a strong commitment to any project I undertake. I am serious, and responsible, and have a tremendous desire to learn, create, and innovate. I enjoy working in multidisciplinary teams, where I contribute the strength needed to achieve objectives with excellent results.

Currently, I am working on my Ph.D. thesis in the field of Affective Computing. My research focuses on the ambiguity of assigning emotions to data, particularly in sequential data where emotional transitions influence bodily reactions—a phenomenon known as the priming effect.

Skills ———————————

Machine Learning: supervised and unsupervised models; feature engineering; wrapper, filter methods for feature selection.

Deep Learning: Convolution Neural Networks (CNN), Recursive Neural Networks (RNN), Transformers.

Databases: MySQL, MongoDB.

Soft: Communicative, workload management, decision-making, teamwork, self-instructive, leadership, mentoring.

Coding ———————————

🐍 **Python**: Numpy, Scipy, Pandas, Sklearn, TensorFLow, TensorBoard, PyTorch

🛠 **Misc**: Weka, Matlab, C++, Visual Basic, C, Java

Education

2020 - now	**Ph.D. Computer Science**	**Örebro University**, Sweden

Program: Wallenber AI, Autonomous Systems and Software Program (WASP)

2017 - 2018	**Erasmus studies**	**Technische Universität Darmstadt**, Germany

Master program: Information and Communication Engineering (iCE).

2016- 2017	**M.Sc. Telecommunications Engineering**	**University of Alcala**, Spain

Specialization: Intelligent Transportation Systems.

2012- 2016	**B.Sc. Telecommunications Engineering**	**University of Alcala**, Spain

Work Experience

Fall 2025-Now — **Research assistant** — **Örebro University**, Sweden
Responsible for the development of a digital twin and integration of an intelligent robotic platform.
Skills: ROS, Gazebo, Digital Twins, technical report and communication.

Fall 2021/22 — **Teaching assistant** — **Örebro University**, Sweden
Responsible for the course laboratory sessions: Datorkommunikation och nät (Network Communications).
Skill: communication of technical concepts, ability to present information clearly and effectively.

Fall 2019 — **Data scientist** — **Aeroengy**, Spain
Responsible for analyzing customer turnover, loss, and loyalty after closing the client's centers.
Skills: MySQL, Python, Databricks environment, and Shell Script, client presentation to customers.

2018-2019 — **Research assistant** — **GRAM**, University of Alcala
Responsible for the implementation of computer vision navigation algorithms for a mobile robotic platform. The output of this research was my Master Thesis.
Skills: Tensorflow software library, Deep Reinforcement Learning, technical report writing.

Spring 2016 — **Industrial Intership** — **Europcar**, Spain
Responsible for Java code development for the needs of the company.
Skill: Java, shell script, communication, team work, team building.

Fall 2016 — **Computer Vision research intern** — **GRAM**, University of Alcala
Responsible for the development of computer vision algorithms to estimate the discrete pose of vehicles. The output of this research was my Bachelor Thesis.
Skills: Computer Vision, Image processing, deep learning software (MatConvNet), paper writing.

Other

· **Research**: work done during my research (own and collaborations) 🌐 here

· **Languages**: Spanish (native), English (fluent), German (intermediate), Swedish (basic).

· **Volunteering**: Summer camp responsible at Apicula's Scout Group.